

## Evolution of Military Small Arms Class - Dr. Faulkner

Dr. Richard S. Faulkner discusses the “Evolution of Military Small Arms” and gives particular attention to their influence on the US Army. Instructors of American Military History can use this presentation to inform their students on technical and tactical aspects of weapons used during different time periods. The instructor has the option to show the entire presentation in one class period or show portions of it during the appropriate era (*time codes* of major technological changes are listed below). Information slides of each weapon are also provided in the accompanying PowerPoint presentation. The instructor is encouraged to show these slides alongside the video to illustrate the best view of the weapon and the technical specifications.

1. Beginnings of Firearms (0:00 – 18:20)
  - a. Medieval hand cannon
  - b. Matchlock
  - c. Long Sword
  - d. Long Bow
  - e. Crossbow
  
2. Single Shot Muskets (18:20 – 39:37)
  - a. Wheel Lock Pistol
  - b. Flintlock musket with bayonet (**British Sort Pattern Brown Bess Smooth Bore Musket**)
  - c. Flintlock rifle (**European Jaeger Flintlock Rifle**)
  - d. Percussion lock rifled musket (**Rifle-Musket, Percussion, M1863, .58 Caliber**)
  
3. Transition to Breach Loaders (39:37 – 47:46)
  - a. Spencer Carbine (**Carbine, Lever-Action, M1865, Spencer, .52 Caliber**)
  - b. Henry rifle (**Carbine, Lever-action, M1866, .44 Caliber**)
  - c. Trapdoor Springfield (**Rifle, M1873 (P1879), .45 Caliber**)
  
4. Bolt Action Rifles (47:46 – 57:58)
  - a. Lebel rifle (**Rifle, Model 1886, 8mm**)
  - b. Krag rifle (**Rifle, M1896, Krag-Jorgensen, .30 Caliber**)
  - c. Spanish Mauser (**Rifle, M1893, 7.57mm**)
  - d. M1903 rifle (**Rifle, M1903, .30 Caliber**)
  - e. M1917 rifle (**Rifle, M1917, .30 Caliber**)
  
5. Automatic fire (57:58 – 1:11:02)
  - a. MG08 HMG (**Machine Gun, Heavy, Water Cooled, Belt Fed, MG08, Maxum, 7.92mm**)
  - b. Chauchat LMG (**Machine Gun, Light, 20-Round Det. Box Magazine, Mle 1915, Chauchat, 8mm**)
  - c. Thompson SMG (**Submachine Gun, M1928, .45 Caliber**)
  
6. Semi-Automatic Fire (1:11:02 – 1:15:30)
  - a. M1 Rifle (**Rifle, Semiautomatic, M1, Garand, .30 Caliber**)
  - b. M1 Carbine (**Carbine, Semiautomatic, M1, .30 Caliber**)

7. Light Automatic Machine Guns (1:15:30 – 1:24:44)
  - a. MG34 (**Machine Gun, General Purpose, Air Cooled, Belt Fed, MG34, 7.92mm**)
  - b. MG42 (**Machine Gun, General Purpose, Air Cooled, Belt Fed, MG42, 7.92mm**)
  
8. Assault Rifles (1:24:44 – End)
  - a. MP44 (**Rifle, Select Fire, MP44(StG44), 7.92mm**)
  - b. AK-47 (**Rifle, Select Fire, Type 56 (AK47/AKM), 7.62 X 39mm**)
  - c. M-14 (**Rifle, Select Fire, M14, 7.62mm** )